

MIL-T-25627C(USAF)
AMENDMENT 2
6 November 1987
SUPERSEDING
AMENDMENT 1
21 August 1970

MILITARY SPECIFICATION

TRANSMITTER, SYNCHRO, ANGLE OF
ATTACK OR SIDESLIP

This amendment forms a part of MIL-T-25627C (USAF), dated 20 December 1966, and is approved for use within the Department of the Air Force and is available for use by all Departments and Agencies of the Department of Defense.

PAGE 1

- * 2.1 Delete first sentence and add: "Government documents."
- * Add: "2.1.1 Specifications and standards. The following specifications and standards form a part of this specification to the extent specified herein. Unless otherwise specified, the issues of these documents shall be those listed in the issue of the Department of Defense Index of Specifications and Standards (DODISS) and supplement thereto, cited in the solicitation."
- * Under SPECIFICATIONS, Federal, delete "QQ-P-416" and add: "PPP-B-601 Wood, boxes, Cleated Plywood" and "PPP-B-636 Box, Shipping, Fiberboard."
- * Under SPECIFICATIONS, Military, delete "MIL-E-5272" and add: "MIL-C-83488 Coating, Aluminum, ION Vapor Deposited."
- * Under STANDARDS, Military, Change "MIL-STD-100" to "DOD-STD-100"; delete "MIL-STD-794", "MIL-STD-831", "MS33586" and add: "MIL-STD-810C Environment Test Method", "MIL-STD-889 Dissimilar Metals" and "MIL-STD-2073-1 DOD Material Procedures For Development And Application Of Packaging Requirements."

Add boxed paragraph to bottom center of page:

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Oklahoma City Air Logistics Center/MMEDO, Tinker AFB OK 73145-5990 by using the self-addressed Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

PAGE 2

Add: "2.2 Other publications. The following document(s) form a part of this specification to the extent specified herein. Unless otherwise specified, the issues of the documents which are DOD adopted shall be those listed in the issue of the DODISS specified in the solicitation. Unless otherwise specified, the issue of documents not listed in the DODISS shall be the issue of the nongovernment documents which is current on the date of the solicitation.

AMSC N/A

1 of 4

FSC 6610

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MIL-I-25627C(USAF)
AMENDMENT 2

American Society For Testing And Materials (ASTM)

ASTM D3951 Packaging, Commercial

(Application for copies should be addressed to: ASTM, 1916 Race St, Philadelphia PA 19103.)

(Nongovernment standards and other publications are normally available from the organizations which prepare or which distribute the documents. These documents also may be available in or through libraries or other informational services.)"

- * Add: "2.3 Order of precedence. In the event of a conflict between the text of this specification and the references cited herein (except for associated detail specifications, specification sheets or MS standards), the text of this specification shall take precedence. Nothing in this specification, however, shall supersede applicable laws and regulations unless a specific exemption has been obtained."

- * 3.3.2.1 Line 3 delete "MS33586" and add: "MIL-STD-889."

PAGE 4

3.12 Line 1 delete "1.8" and add: "2.25."

PAGE 5

- * Delete 3.16.2 in its entirety and add: "3.16.2 Steel parts. Steel parts shall be coated with ion vapor deposited aluminum, where practicable, in accordance with MIL-C-83488, type I or II as applicable and of a class that is adequate to achieve the degree of protection required. Other protective coating, in lieu of MIL-C-83488, may be used if demonstrated to be satisfactory and approved by the preparing activity. Cadmium plating must be avoided when satisfactory alternative processes can be used."
- * 3.19 Line 2 between "manner" and "Particular" add "in accordance with MIL-STD-454, requirement 9."

PAGE 6

- * Add: "4.1.1 Responsibility for compliance. All items must meet all requirements of sections 3 and 5. The inspection set forth in this specification shall become a part of the contractor's overall inspection system or quality program. The absence of any inspection requirements in the specification shall not relieve the contractor of the responsibility of assuring that all products or supplies submitted to the Government for acceptance comply with all requirements of the contract. Sampling in quality conformance does not authorize submission of known defective material, either indicated or actual, nor does it commit the Government to acceptance of defective material."

MIL-T-25627C(USAF)
AMENDMENT 2

PAGE /

- * 4.3.6.1.b Delete "connect it to the rotor lead" and add: "connect it to the C rotor lead."

PAGE 8

- * Delete "4.4.2" in its entirety.

PAGE 11

- * 4.6.7 Lines 6 and 7 delete "Procedure XII of MIL-E-5272", and add: "MIL-STD-810C, Method 514.2, Category b.1, Procedure I, Curve B."

PAGE 12

- * 4.6.13 Line 2 delete "MIL-E-5272" and add: "MIL-STD-810C."
- * 4.6.13.1 Line 1 and 2 delete "procedure I", and add: "Method 507.1, Procedure I."
- * 4.6.13.2 Delete title "Sand and dust." and add new title: "Dust (Fine sand)."
- * 4.6.13.2 Line 2 delete "procedure I" and add: "Method 510.1, Procedure I."
- * 4.6.13.4 Line 1 delete "spray" and add: "fog" in (2 places).
- * 4.6.13.4 Line 2 delete "procedure I", and add: "Method 509.1, Procedure I."
- * Delete Section 5 in its entirety and add:

"5. PACKAGING

5.1 Preservation. Preservation shall be level A, C, or Industrial, IAW MIL-STD-2073-1, as specified (see 6.2)

5.1.1 Level A.

5.1.1.1 Cleaning. Transmitter shall be cleaned in accordance with process C-1 of MIL-P-116.

5.1.1.2 Drying. Transmitter shall be dried in accordance with process D-4 of MIL-P-116.

5.1.1.3 Preservation application. Preservative shall not be used.

5.1.1.4 Unit packaging. Unless otherwise specified by the contracting activity, each transmitter shall be packaged in quantity unit packs of one each in accordance with Method IC-1 of MIL-P-116. Each transmitter shall be placed in a PPP-B-636 Fiberboard container weather resistant, with sufficient cushioning material between bag and unit container of a type, density, and thickness to insure transmitter does not exceed peak values in G's established for the transmitter when completed peak are subjected to the rough handling drop tests of MIL-P-116.

5.1.2 Level C. Each transmitter shall be clean, dry, and individually packaged in a manner that will afford adequate protection against corrosion, deterioration, and physical damage during shipment from supply source to the first receiving activity.

MIL-T-25627C(USAF)
AMENDMENT 2

5.1.3 Industrial. The Industrial preservation of transmitter shall be in accordance with ASTM D3951.

5.2 Packing. Packing shall be level A, B, C, or Industrial as specified (see 6.2).

5.2.1 Level A. Transmitter packaged as specified in 5.1.1 shall be packed in shipping containers conforming to PPP-B-601, Styles A or B, Class overseas, unless otherwise specified by the container shall be of uniform shape, size, exterior shipping container shall be of uniform shape, size, minimum tare and cube consistent with the protection required.

5.2.2 Level B. Transmitter packaged as specified in 5.1.1 shall be packed in shipping containers conforming to PPP-B-636, class weather-resistant, unless otherwise specified by the contracting activity. Other requirements as specified in 5.2.1 apply.

5.2.3 Level C. Packing shall be applied which affords adequate protection during domestic shipment from the supply source to the first receiving activity for immediate use. This level shall conform to applicable rules and regulations.

5.2.4 Industrial. The packaged transmitter shall be packed in accordance with ASTM D3951.

5.3 Marking. In addition to any other markings required by the contract or order (see 6.2), interior and exterior containers shall be marked in accordance with MIL-STD-129."

PAGE 14

* 6.3 Lines 8 and 9 delete "the Systems Engineering Group Attn: SEFIF, Wright Patterson Air Force Base, Ohio, and add: "Oklahoma City Air Logistics Center/MMEDO, Tinker AFB OK 73145-5990."

* Delete "6.4" in its entirety.

The margins of this amendment are marked with an asterisk to indicate where changes (additions, modifications, corrections, deletions) from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous amendment.

Custodian:
AIR FORCE -99
AIR FORCE -11

Preparing activity:
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